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UTILITY PATENT APPLICATION TRANSMITTAL <small>Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 38-21(15726)B
		First Named Inventor or Application Identifier CONNER
Title		Nucleic Acid Molecules and Other Molecules Associated Plants
		Express Mail Label No. 55555555555555555555555555555555

04/03/00

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small>		Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <i>(Submit an original and a duplicate for fee processing)</i>	6. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification [Total Pages 99]	7. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
- Descriptive title of the Invention	
- Cross References to Related Applications	
- Statement Regarding Fed sponsored R&D	
- Reference to Microfiche Appendix	
- Background of the Invention	
- Brief Summary of the Invention	
- Brief Description of the Drawings (if filed)	
- Detailed Description	
- Claims	
- Abstract of the Disclosure	
<input type="checkbox"/> Drawing(s) (35 USC 113)	[Total Sheets 1]
Oath or Declaration	[Total Pages 6]
a. <input checked="" type="checkbox"/> Newly executed (original or copy)	8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <i>[Note Box 5 below]</i>	9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	10. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>
5. <input type="checkbox"/> Incorporation By Reference <i>(useable if Box 4b is checked)</i> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations
	12. <input type="checkbox"/> Preliminary Amendment
	13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Two) <i>(should be specifically itemized)</i>
	14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired
	15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
	16. <input type="checkbox"/> Other:

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: /

Prior Application Information: Examiner:

Group/Art Unit:

18. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label <i>(Insert Customer No. or Attach bar code label here)</i>	<i>or</i> <input checked="" type="checkbox"/> Correspondence address below				
<p>NAME Lawrence M. Lavin, Jr., Esq.</p> <p>ADDRESS Patent Department Central</p> <p>CITY Chicago STATE Illinois ZIP CODE 60680-5110</p> <p>COUNTRY US TELEPHONE (314) 694-3602 FAX (314) 694-1671</p>					
Name (Print/Type) Lawrence M. Lavin, Jr.			Registration No. (Attorney/Agent) 30,768		
Signature Lawrence M. Lavin, Jr.			Date April 3, 2000		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Dd R. Marsh 41, 408

MONSANTO/GD SEARLE
Patent Department Central
P.O. Box 5110
Chicago, Illinois 60680-5110
(314) 694-3602

jc525 U.S. PTO
09/54/234
04/03/00

Attorney Docket No. 38-21(15726)B

ASSISTANT COMMISSIONER FOR PATENTS
Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventors: Timothy W. CONNER et al.
For: Nucleic Acid Molecules and Other Molecules Associated with Plants

Enclosed are:

_____ sheets of informal drawings.
 An assignment of the invention to _____
 Form PTO-1595.
 A certified copy of a _____ application.
 A verified statement to establish small entity status under 37 C.F.R. § 1.9 and 37 C.F.R. § 1.27.
 Executed Combined Declaration and Power of Attorney for Patent Application (6 total pages).

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)
AMOUNT	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	10 - 20 =	* 0
INDEP. CLAIMS	3 - 3 =	* 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY		OTHER THAN A SMALL ENTITY	
RATE	FEE	RATE	FEE
	345.00		690.00
x 9 =		x 18 =	0.00
x 39 =		x 78 =	0.00
+ 130 =		+ 260 =	
TOTAL	\$	TOTAL	\$ 690.00

Please charge my Deposit Account No. 13-4125 in the amount of \$690.00. A duplicate copy of this sheet is attached.

Check No. _____ in the amount of \$ _____ to cover the filing fee is enclosed.

The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 13-4125 referencing docket number 38-21(15746)B.
A duplicate copy of this sheet is attached.

Any additional filing fees required under 37 C.F.R. § 1.16.
 Any patent application processing fees under 37 C.F.R. § 1.17.

The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 13-4125 referencing docket number _____.
A duplicate copy of this sheet is attached.

Any patent application processing fees under 37 C.F.R. § 1.17.
 The issue fee set in 37 C.F.R. § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b).
 Any filing fees under 37 C.F.R. § 1.16 for presentation of extra claims.

Date: April 3, 2000

Lawrence M. Lavin Jr.
Lawrence M. Lavin, Jr. (Reg. No. 30,768)

by R. Marsh 41,408

April 3, 2000

jc525 U.S. PTO
09/54/234
04/03/00**Box Patent Application**Assistant Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Non-Provisional Utility Patent Application
Application No.: To Be Assigned
Filed: Herewith
For: **Nucleic Acid Molecules and Other Molecules
Associated with Plants**
Inventors: Timothy W. CONNER *et al.*
Atty. Docket: 38-21(15726)B

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Utility Patent Application Transmittal (PTO/SB/05);
2. Form PTO-1082 (in duplicate);
3. U.S. Utility Patent Application entitled:

Nucleic Acid Molecules and Other Molecules Associated with Plants

and naming as inventors:

Timothy W. CONNER and James D. MASUCCI,

the application consisting of:

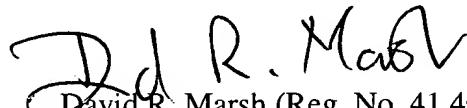
- a. A specification containing:
 - (i) 96 pages of a description prior to the claims;
 - (ii) 2 pages of claims (10 claims);
 - (iii) a one (1) page abstract; and
 - (iv) 5,271 pages of a sequence listing;

4. Statement Regarding Sequence Submission;
5. A CD-ROM containing the sequence listing;
6. Original Declaration and Power of Attorney, executed by inventor Timothy W. Conner (3 pages);
7. Original Declaration and Power of Attorney, executed by inventor James D. Masucci (3 pages);
8. An Information Disclosure Statement;
9. Form PTO-1449 (1 page), with 8 accompanying documents; and
10. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

Respectfully submitted,


David R. Marsh (Reg. No. 41,408)
Timothy W. Riffe (Reg. No. 43,881)

Enclosures